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MONTANA OIL AND GAS
STATISTICAL BULLETIN

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BOARD OF OIL AND GAS CONSERVATION
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HELENA, MONTANA 59601

Vol. XX, No. 3 4 **MARCH, 1972**

Production of crude oil and condensate from the oil and gas areas of Montana for the month of March, 1972 averaged 93,159 barrels daily, an increase of 2,665 barrels from the average February, 1972 production of 90,494.

The nine refineries in the state processed 126,481 barrels of crude oil daily for the month of March, 1972, an increase of 1,043 barrels from the 125,438 barrels processed daily during the month of February, 1972.

During March, 64 wells were completed, 3 oil, 6 gas and 55 dry holes.

During March the commission issued 58 permits to drill new wells, an increase of 19 from the 39 permits issued during February.

SUMMARY OF CRUDE PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF MARCH, 1972

IN STORAGE MARCH 1st	
By Producers	322,867
By Transporters	1,284,702
By Refiners	925,746
TOTAL STORAGE	2,533,315
Produced in Montana During Month	2,887,944
Imported During Month	3,181,528
TOTAL	8,602,787
DISPOSITION:	
Refined in Montana	3,920,921
Exported	1,975,613
Used for Fuel or Lost	7,307
TOTAL	5,903,841
IN STORAGE MARCH 31st	
By Producers	318,394
By Transporters	1,389,602
By Refiners	990,950
TOTAL STORAGE	2,698,946

NATURAL GAS WITHDRAWALS IN MONTANA

Month of March, 1972

Field	M. C. Ft.
Bell Creek	145,134
Big Coulee	106,841
Blackjack	53,761
Bowdoin	220,759
Bowes	33,578
Cabin Creek	98,488
Cedar Creek	789,694
Cut Bank (including Regan)	230,009
Dry Creek	31,972
Elk Basin	32,254
Flat Coulee	17,781
Gold Butte	— 0 —
Grandview	27,275
Hardin	64
Keith Block	133,001
Kevin Sunburst	41,938
Lake Basin	72,718
Middle Butte	2,971
Mt. Lilly	39,363
Pine	47,514
Plevna	8,979
South Devon	27,538
Tiger Ridge—Squaw Coulee	84,573
Trail Creek	7,010
Utopia	59,016
West Butte	78,874
Whitlash	70,352
Miscellaneous	187,951
TOTAL	2,649,408

Total Withdrawals for March, 1971, were 5,076,770.

PRODUCERS' REPORT — MONTH OF MARCH, 1972

Leases	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Loss or Gain	Storage End of Month
3	Ash Creek	3	153	1,262		1,376		39
1	Bainville	1	2,335	3,454		3,290		2,499
4	Bear's Den	5	1,850	840		1,330		1,360
18	Bell Creek	298	26,961	492,019	493,950		5	25,025
	Benrud		49					49
2	Benrud East	2	1,763	13,217	13,112			1,868
1	Benrud Northeast	1	718	2,280	2,199			799
	Berthelote		333					333
5	Big Wall	18	2,347	6,272	7,006			1,613
2	Blackfoot	2	740	973	409			1,304
3	Border	4	1,614	472		778		1,308
1	Bowes	43	8,230	5,945	6,747			7,428
1	Bradley	1	409	589	617			381
	Brady		102					102
4	Brorson-Madison	4	1,384	3,917		3,662		1,639
5	Brorson-Red River	5	4,286	10,828		10,861		4,253
3	Brorson-Red River South	3	1,968	9,525		9,011		2,482
7	Brush Lake	7	686	24,937	23,933			1,690
2	Cabin Creek	89		282,298	282,298			
1	Canal	1	1,003	7,596		7,910		689
11	Cat Creek	53	2,703	16,126	15,799			3,030
	Clark's Fork		6					6
1	Clark's Fork South	1	131	606		602		135
	Conrad South		100					100
2	Cow Creek	2	364	1,163		1,368		159
3	Cow Creek East	3	630	34,207		34,079		758
1	Culbertson	1	392	1,030		638		784
6	Cupton	6	4,530	10,321		10,913		3,938
125	Cut Bank	826	58,255	410,643	413,326	620	552	54,400
	Dean Dome		65					65
1	Deer Creek	1	534	1,300	1,390			444
	Delphia		103					103
5	Devil's Basin	5	573	265				838
2	Dwyer	14	4,548	30,922	21,207			14,263
3	Elk Basin	50	758	138,527	138,539			746
5	Elk Basin Northwest	9	1,890	5,021	5,173			1,738
6	Fairview	11	10,916	42,415	20,619	23,360		9,352
2	Fertile Prairie	2	305	1,642		1,116		831
5	Flat Coulee	20	1,747	6,686	5,813			2,620
32	Flat Lake	52	4,037	48,640	47,271			5,406
6	Flat Lake South	6	882	8,847	8,594			1,135
1	Ft. Gilbert	2	277	26,469	26,483			263
1	Frannie	1		1,395	1,395			
9	Fred & George Creek	34	2,165	39,058	39,880			1,343
1	Gage	1	30	127		127		30
3	Gas City	17	6,479	22,716	19,825	4,987		4,383
2	Girard	2	1,331	2,383		2,306		1,408
11	Glendive	15	2,940	27,806	28,244			2,502
26	Goose Lake	34	5,531	34,839	35,758			4,612
9	Graben Coulee	14	4,854	3,473	1,268	1,985		5,074
	Gypsy Basin		944					944
1	Hay Creek-Mission Canyon	1	45	1,372	1,361			56
2	Hay Creek-Red River	2	411	9,262	9,289			384
4	Hiawatha	4	2,763	5,818	6,377			2,204
	Hibbard		472					472
1	Injun Creek	1	898	400				1,298
6	Ivanhoe	12	1,646	5,007	4,400			2,253
6	Jim Coulee	15	3,071	63,265	61,561		151	4,624
4	Keg Coulee	17	5,167	12,276	13,260			4,283
2	Keg Coulee North	2	660	372	430			602
1	Kelley	4	946	3,837	3,809			974
62	Kevin Sunburst	349	8,222	19,824	16,326	4,072	4	7,644
8	Laird Creek	10	834	3,137		3,164		807
3	Leary	3	1,876	3,276		3,315	22	1,815
1	Little Beaver	23		37,662	37,662			
2	Little Beaver East*	12	2,157	14,229	14,319			2,067
1	Little Wall Creek	1	314	2,240	2,207			347
1	Lodge Grass	1	700	476		135		1,041
3	Lonetree Creek	3	1,876	26,188		26,478		1,566
3	Lookout Butte (Coral Creek)	30	785	69,592	69,738			639
1	Mason Lake	1	463	289	351			401
2	Melstone	3	649	1,681	1,948			382
1	Mineral Bench	1	552	493	644			406
1	Miner's Coulee	1	107	255		255		107
11	Monarch	14	4,321	16,390	12,716	3,114		4,881
3	Mosser	3		566		566		
2	Otis Creek	2	523	4,563		4,842		244
6	Outlook	8	3,823	15,968	15,462			4,329
1	Outlook South	1	595	662	843			414
2	Outlook West	2	748	2,082	1,436			1,394
1	Pennel-Lookout Butte	113		162,184	162,184			
3	Pine	109	16,876	242,162	242,249			16,789
52	Pondera	241	5,117	23,615	24,511			4,221
7	Poplar	65	10,481	45,765	47,030		9	9,207
1	Poplar Northwest	1	1,543					1,543
	Prairie Elk		1,535					1,535
3	Pritchard Creek	3	167	1,045	1,045			167
2	Putnam	2	443	4,452		4,595		300
4	Ragged Point	12	2,961	6,590	5,984			3,497
2	Rattlesnake Coulee	2	851	524	833			542
2	Reagan	38	515	17,574	17,653			436
1	Red Creek	20		12,665	12,665			
1	Red Fox	1	341	711	654			398
1	Redstone	1	242	1,642	1,396			488
1	Repeat	1	280	1,414		1,519		175
3	Reserve	4		7,187	7,187			
1	Richey	1	205	577				782
1	Richey Southwest	6	446	2,111	2,105			452
1	Rush Mountain	1	329	2,723	2,536			516
3	Salt Lake	3	554	3,837		3,630		761
3	Sand Creek	5	2,502	3,414	2,856		43	3,017
1	Snyder	4	830	550		1,137		243
7	Soap Creek	18	4,483	4,530		7,979		1,084
2	Spring Lake	2	1,303	1,534		1,672		1,165
1	Stensvad	3	3,111	25,440	26,237			2,314
10	Sumatra	74	14,004	94,705	94,054			14,655
5	Tule Creek	6	3,440	26,062		26,174		3,328
2	Tule Creek East	2	948	8,269		8,134		1,083
2	Tule Creek South	3	726	2,866		3,020		572
2	Vida	2	907	1,296	1,296			907
4	Volt	5	2,757	11,878	12,570			2,065
1	Weed Creek	1	361	1,123	1,172		6	306
3	Weldon	3	2,381	10,082	11,232			1,231
1	West Butte	1		2,368		2,368		
16	Whitlash	43	8,703	10,682	10,763			8,622
	Whitlash West		679		194			485
3	Willow Creek North	4	751	2,437	2,073			1,115
2	Wills Creek South	2		2,876	2,876			
3	Wolf Springs	4	4,075	3,054	4,689			2,440
2	Woodrow	2	299	1,756	1,695			360
4	Wright Creek	4	1,713	1,158	1,101		119	1,651
	Wildcat, Blaine Cty		157					157
	Wildcat, Carbon Cty		310					310
1	Wildcat, Daniels Cty	1	575	700		441		834
1	Wildcat, Dawson Cty	1	340	1,447		841		946
2	Wildcat, Glacier Cty	5	1,836	804	1,315			1,325
	Wildcat, Liberty Cty		396					396
1	Wildcat, McCone Cty	1	724	701		876		549
1	Wildcat, Richland Cty	1	1,696	16,193		17,150		739
1	Wildcat, Roosevelt Cty	1	399	1,379		1,264		514
1	Wildcat, Sheridan Cty	1		8,945		6,678		2,267
1	Wildcat, Toole Cty	1		619	619			
656	Total	3,019	322,867	2,887,944	2,637,768	253,738	911	318,394

Total Oil Produced & Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1971	34,598,723	94,791	34,623,678	94,859
Jenuary, 1972	2,728,681	88,022	2,699,691	87,087
February, 1972	2,624,320	90,494	2,620,018	90,345
March, 1972	2,887,944	93,159	2,891,506	93,274

Oil In Storage	In Producers Field Tanks	In Transporters Storgae	In Refiners Storage ‡	Total Oil in Storage ‡
December, 1971	290,832	1,316,908	605,612	2,213,352
Jenuary, 1972	319,230	1,245,295	814,568	2,379,093
February, 1972	322,867	1,284,702	923,746	2,533,315
March, 1972	318,394	1,389,602	990,950	2,698,946

* Montana Oil Only
‡ Includes Wyoming Oil

TRANSPORTERS' MONTHLY REPORT — MONTH OF MARCH, 1972

	Storage First of Month	Oil Received By			Loss or (Gain)	Oil Shipped To			Storge End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—									
Western Crude Oil, Inc.			1,376				1,376		
BAINVILLE—Koch Oil Company			3,290				3,290		
BEAR'S DEN—Truck			1,330				1,330		
BELL CREEK—Pipelne	27,346	493,950					271,101	222,800	27,395
BIG WALL—									
Continental Pipeline Co.		9,119				9,119			
BLACKFOOT—									
Camerland Cardinal Corp.		409						409	
BORDER—Permian Corp.			778					778	
BOWES—Texaco Inc.		6,747				6,747			
BRORSON-MADISON, BRORSON-RED RIVER & BRORSON-RED RIVER SOUTH—									
Koch Oil Company			23,534					23,534	
BRUSH LAKE—									
Portal Pipelne Co.		23,933					23,933		
CABIN CREEK & OTHERS*—									
Butte Pipeline Co.	397,250	661,205	49,664	725,780			1,454,330		379,569
Shell Pipelne Co.	2,720	301,366			122			300,794	3,170
	399,970	962,571	49,664	725,780	122		1,454,330	300,794	382,739
CANAL—									
Koch Oil Company			7,910				7,910		
CAT CREEK—									
Continental Pipeline Co.		15,769				15,769			
CLARK'S FORK AND CLARK'S FORK SOUTH—									
Permian Corp.			602				602		
COW CREEK & COW CREEK EAST—									
Western Crude Oil, Inc.			35,447				35,447		
CULBERTSON—									
Spruce Oil Co.			638				638		
CUT BANK—									
Continental Pipeline Co.			10,927	517,742				528,669	
Phillips Petroleum Co.	36,749	157,443		9,318	3,275	150,777		4,605	44,852
Texas Pipeline Co.	11,805	48,357		67,212	2,097			105,390	19,887
Union Oil Co.	51,571	53,012			136	52,022			52,425
Western Oil Trans. Co.		48,573						48,573	
Western Oil Trans. Co. (Moulton)		113,866						113,866	
	100,125	421,251	10,927	594,272	5,508	202,799		801,104	117,164
DWYER—Portal Pipeline Co.		21,507					21,507		
ELK BASIN & ELK BASIN NORTHWEST—Marathon Pipeline		142,923				142,923			
FAIRVIEW—									
Fairview Pipeline Co.		20,619					20,619		
Koch Oil Company			23,360				23,360		
		20,619	23,360				43,979		
FLAT COULEE—									
Camerland Cardinal Corp.		5,263				5,263			
FLAT LAKE & FLAT LAKE SOUTH—									
Portal Pipeline Co.		51,559					51,559		
FT. GILBERT—									
Fairview Pipeline Co.		26,483					26,483		
FRANNIE—Interstate Pipeline Co.		1,395					1,395		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	4,532	41,060				36,634		805	8,153
GAGE—Truck			127			127			
GIRARD—									
Koch Oil Company			2,306				2,306		
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	5,041	25,834			86			24,669	6,120
GOOSE LAKE—									
Portal Pipeline Co.		32,526					32,526		
HAY CREEK—									
Fairview Pipeline Co.		10,650					10,650		
HIAWATHA—									
Continental Pipeline Co.		6,377					6,377		
IVANHOE—									
Continental Pipeline Co.		4,400				4,400			
JIM COULEE—									
Continental Pipeline Co.		61,561						61,561	
KEG COULEE & KEG COULEE NORTH—									
Continental Pipeline Co.		13,690				13,690			
KELLEY—									
Continental Oil Co.		3,809				3,809			
KEVIN SUNBURST—									
Big West Oil Co.	5,035	1,500				1,500			5,035
Homestake Oil & Gas Co.	2,152	2,218			911			592	2,867
Texas Pipeline Co.	17,224	7,269			(1,675)			13,012	13,156
	24,411	10,987			(764)	1,500		13,604	21,058
LEARY—Permian Corp.			3,315				1,159	2,156	
LODGE GRASS—									
Permian Corp.			135			135			
MASON LAKE—									
Continental Pipeline Co.		351				351			
MELSTONE—									
Continental Oil Co.		1,947				1,755	192		
MIDDLE WALL**—									
Continental Pipeline Co.		15,240						15,240	
MOSSER—Permian Corp.			566				566		
OTIS CREEK—									
Western Crude Oil, Inc.			4,842				4,842		
OUTLOOK, OUTLOOK SOUTH & OUTLOOK WEST—									
Portal Pipeline Co.		17,824					17,824		
PONDERA—									
Phillips Petroleum Co.	25,397	24,696			586	26,984			22,523
POPLAR, BENRUD, BENRUD EAST, RED FOX, REDSTONE,									
East Poplar Gathering System	13,332	67,946			75			61,871#	19,332
PUTNAM—									
Western Crude Oil, Inc.			4,595				4,595		
RAGGED POINT—									
Continental Pipeline Co.		5,118				5,118			
RED CREEK—									
Western Oil Transportation Co		14,017						14,017	
RESERVE—Portal Pipeline Co.		7,305					7,305		
RUSH MOUNTAIN—									
Sinclair Refining Co.		2,536					2,536		
SALT LAKE—									
Koch Oil Company			3,630				3,630		
SNYDER—Permian Corp.			1,137			1,137			
SOAP CREEK—Permian Corp.			7,979				7,979		
SPRING LAKE—									
Koch Oil Company			1,672				1,672		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	682,872	122,320		2,721,964	1,912	109,680		2,635,261	780,303
TULE CREEK—									
Spruce Oil Co.	1,676		34,308			31,169			4,815
Permian Corp.			3,020			3,020			
	1,676		37,328			34,189			4,815
WEED CREEK & WOLF SPRINGS									
Continental Pipeline Co.		5,861				5,861			
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		3,797				3,797			
WILDCAT WELLS—Truck			27,250				27,250		
TOTAL	1,284,702	2,703,350	253,738	4,042,016	7,525	631,787	2,076,289	4,178,603	1,389,602

* Cabin Creek, Cupton, Fertile Prairie, Gas City, Monarch, Repeat, Richey, Richey Southwest, Vida, Weldon & Wills Creek South
** Little Wall Creek & Willow Creek North
\# Transferred to Butte Pipeline Company

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF MARCH, 1972

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Spruce Oil Co.	Westco Refi Co.	Total
Big Wall		9,119								9,119
Bowes			11,666							11,666
Cat Creek		13,615		271		3,377				17,263
Cut Bank							143,176		104,475	247,651
Delphia						192				192
Elk Basin		53,974		47,857	41,092					142,923
Flat Coulee									5,263	5,263
Fred & George Creek	36,634									36,634
Gage & Gage Southwest						557				557
Hibbard						275				275
Ivanhoe		4,400								4,400
Keg Coulee		3,605		10,085						13,690
Kelley					3,809					3,809
Kevin Sunburst	1,500									1,500
Lodge Grass		135								135
Mason Lake		351								351
Melstone				1,755						1,755
Pondera							27,692			27,692
Ragged Point				5,118						5,118
Snyder		1,137								1,137
Sumatra & Stensvad		19,611		69,481	35,608					124,700
Tule Creek								68,384		68,384
Weed Creek					1,172					1,172
Whitlash							9,318			9,318
Wolf Springs					4,689					4,689
Total Montana Oil	38,134	105,947	11,666	134,567	86,370	4,401	180,186	68,384	109,738	739,393
Canadian Oil Imported		438,420		386,222	231,108					1,055,750
Wyoming Oil Imported		878,211		327,390	920,177					2,125,778
Total Montana, Canadian & Wyoming Oil	38,134	1,422,578	11,666	848,179	1,237,655	4,401	180,186	68,384	109,738	3,920,921

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1971	25,375	29,993	67,911	123,279
March, 1971	27,059	29,577	70,589	127,225
March, 1972	23,851	34,056	68,574	126,481

PERCENTAGE OL CRUDE OIL REFINED

Montana	Canada	Wyoming
20.58%	24.33%	55.09%
21.27%	23.25%	55.48%
18.85%	26.93%	54.22%